

# Scheme F2

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## MTE User Manual - Classification Schemes

3.21

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# Scheme F2

Scheme F2 is an implementation of the FHWA's visual classification scheme as an axle-based classification scheme. This is one of several interpretations.

- **Units:** Non-metric (ft)
- **Car class:** 2
- **Unclassifiable vehicle class:** 14

| Class | Type | Axles | SP1       | SP2       | SP3      | SP4       | SP5       | SP6      | SP7      | SP8      | Aggregate  |
|-------|------|-------|-----------|-----------|----------|-----------|-----------|----------|----------|----------|------------|
| 1     | F1   | 2     | 1.0-6.0   |           |          |           |           |          |          |          | 1 (Light)  |
| 2     | F2   | 2     | 6.0-10.2  |           |          |           |           |          |          |          |            |
|       |      | 3     | 6.0-10.2  | 6.0-18.0  |          |           |           |          |          |          |            |
|       |      | 4     | 6.0-10.2  | 6.0-18.0  | 0.0-6.0  |           |           |          |          |          |            |
| 3     | F3   | 2     | 10.2-13.0 |           |          |           |           |          |          |          |            |
|       |      | 3     | 10.2-13.0 | 6.0-18.0  |          |           |           |          |          |          |            |
|       |      | 4     | 10.2-13.0 | 6.0-18.0  | 0.0-6.0  |           |           |          |          |          |            |
| 4     | F4   | 2     | 20.0-40.0 |           |          |           |           |          |          |          | 2 (Medium) |
|       |      | 3     | 20.0-40.0 | 0.0-6.0   |          |           |           |          |          |          |            |
| 5     | F5   | 2     | 13.0-20.0 |           |          |           |           |          |          |          |            |
| 6     | F6   | 3     | 6.0-23.0  | 0.0-6.0   |          |           |           |          |          |          |            |
| 7     | F7   | 4     | 6.0-23.0  | 0.0-9.0   | 0.0-9.0  |           |           |          |          |          |            |
|       |      | 5     | 6.0-17.0  | 0.0-6.0   | 0.0-6.0  | 0.0-6.0   |           |          |          |          |            |
|       |      | 6     | 6.0-17.0  | 0.0-6.0   | 0.0-6.0  | 0.0-6.0   | 0.0-6.0   |          |          |          |            |
| 8     | F8   | 3     | 6.0-17.0  | 14.0-40.0 |          |           |           |          |          |          | 3 (Heavy)  |
|       |      | 4     | 6.0-20.0  | 0.0-6.0   | 6.0-40.0 |           |           |          |          |          |            |
|       |      | 4     | 6.1-17.0  | 14.0-40.0 | 0.0-6.1  |           |           |          |          |          |            |
| 9     | F9   | 5     | 6.0-22.0  | 0.0-6.0   | 6.0-40.0 | 0.0-12.5  |           |          |          |          |            |
|       |      | 5     | 6.0-22.0  | 0.0-6.0   | 6.0-23.0 | 1.1-23.0  |           |          |          |          |            |
| 10    | F10  | 6     | 6.0-22.0  | 0.0-6.0   | 0.0-40.0 | 0.0-11.0  | 0.0-11.0  |          |          |          |            |
|       |      | 7     | 6.0-22.0  | 0.0-6.0   | 0.0-40.0 | 0.0-13.0  | 0.0-13.0  | 0.0-13.0 |          |          |            |
| 11    | F11  | 5     | 6.0-17.0  | 11.0-25.0 | 6.0-18.0 | 11.0-25.0 |           |          |          |          |            |
| 12    | F12  | 6     | 6.0-22.0  | 0.0-6.0   | 1.0-25.0 | 6.0-18.0  | 11.0-25.0 |          |          |          |            |
| 13    | F13  | 7-9   | 0.0-40.0  | 0.0-40.0  | 0.0-40.0 | 0.0-40.0  | 0.0-40.0  | 0.0-40.0 | 0.0-40.0 | 0.0-40.0 |            |

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